

Task 3A – Quality review

You must:

- a) carry out a full quality inspection of the completed drill jig, recording findings using the quality check sheet
- b) produce a sample drilled part.

Conditions of assessment:

- the time allocated for this task is **1 hour**
- you must carry out the task on your own, under **controlled conditions**.

Controlled conditions:

- you must only work on the tasks in the allocated times
- assessment evidence must be handed in at the end of each session for secure storage which cannot be accessed
- all practical work areas and any evidence produced must be kept secure and only accessible by the assessor
- you must not share or discuss your work with other candidates
- you are not permitted to bring any materials into the assessment session.

What must be produced for marking:

- completed quality check sheet
- sample drilled part.

Additional evidence for this task:

- completed drill jig assembly
- assessor observations:
 - usage of measuring equipment
 - accuracy of drilled holes sample and measurements taken.

To support the comments made within the Practical Observation the assessor must capture the following photographic and video evidence that must be submitted as supporting evidence for each candidate.

Photographic evidence which shows:

- quality review process with consideration of
 - checking of tolerances and use of appropriate measuring equipment
- completed drill jig assembly and the sample drilled part.

Video evidence which shows:

- creation of the sample drilled part.

Resources:

- measurement and inspection tools (with calibration certificate (if applicable)) (e.g. callipers, go-no-go gauges, DTI clock gauge, rules, tape)
- writing materials
- copies of completed documentation from Task 1
- quality check sheet from Task 1
- drill jig assembly from Task 2
- materials to create sample part
- drilling equipment and tooling.

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